

FIG. 1

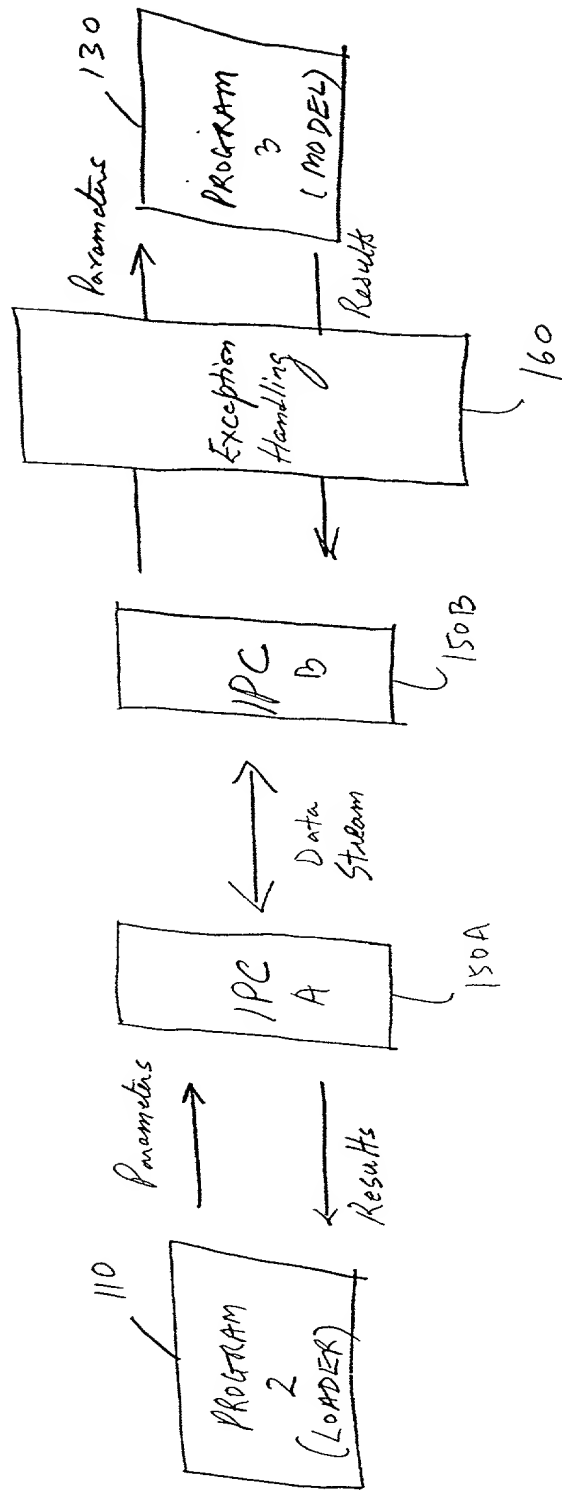


FIG. 2

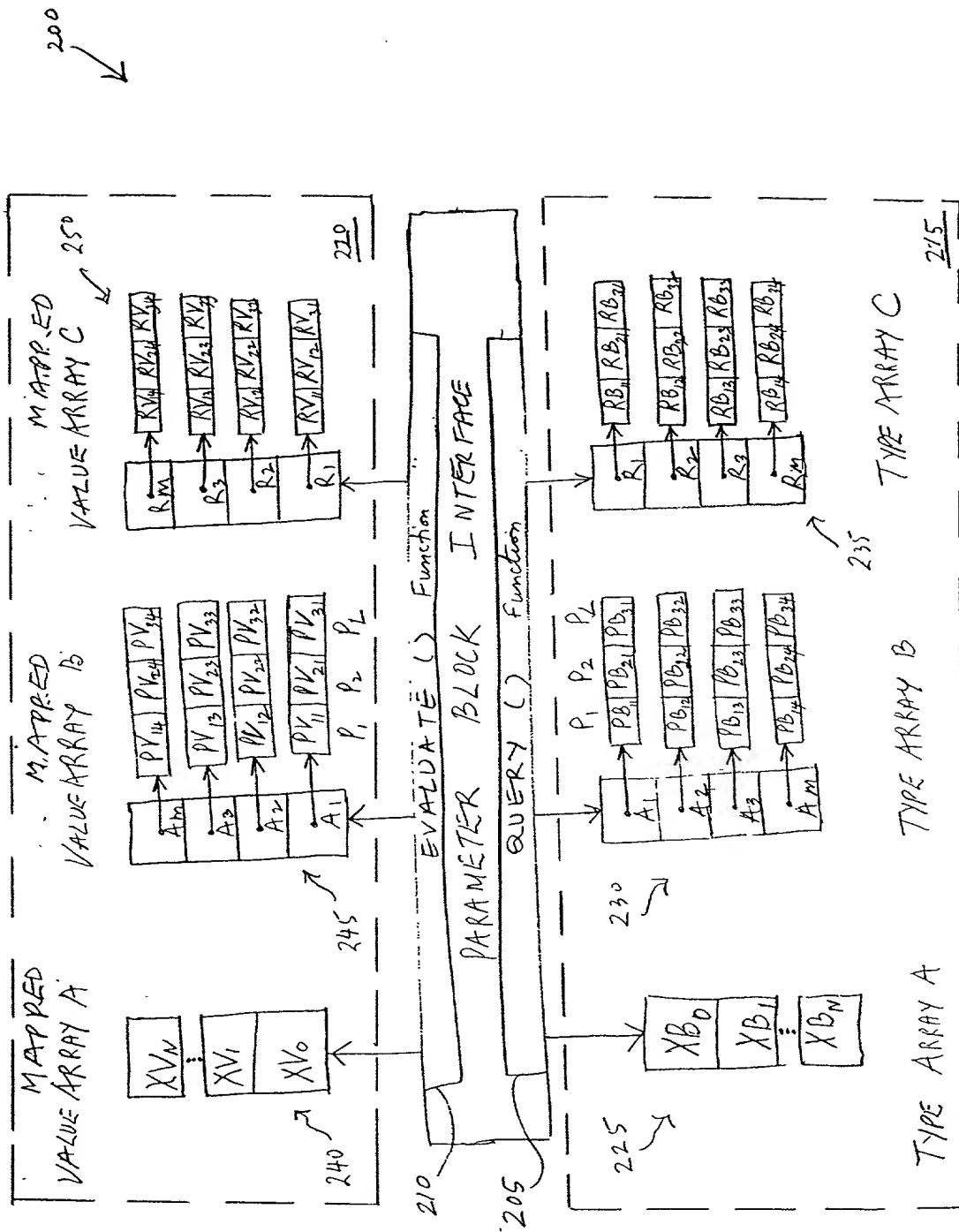


Fig. 3

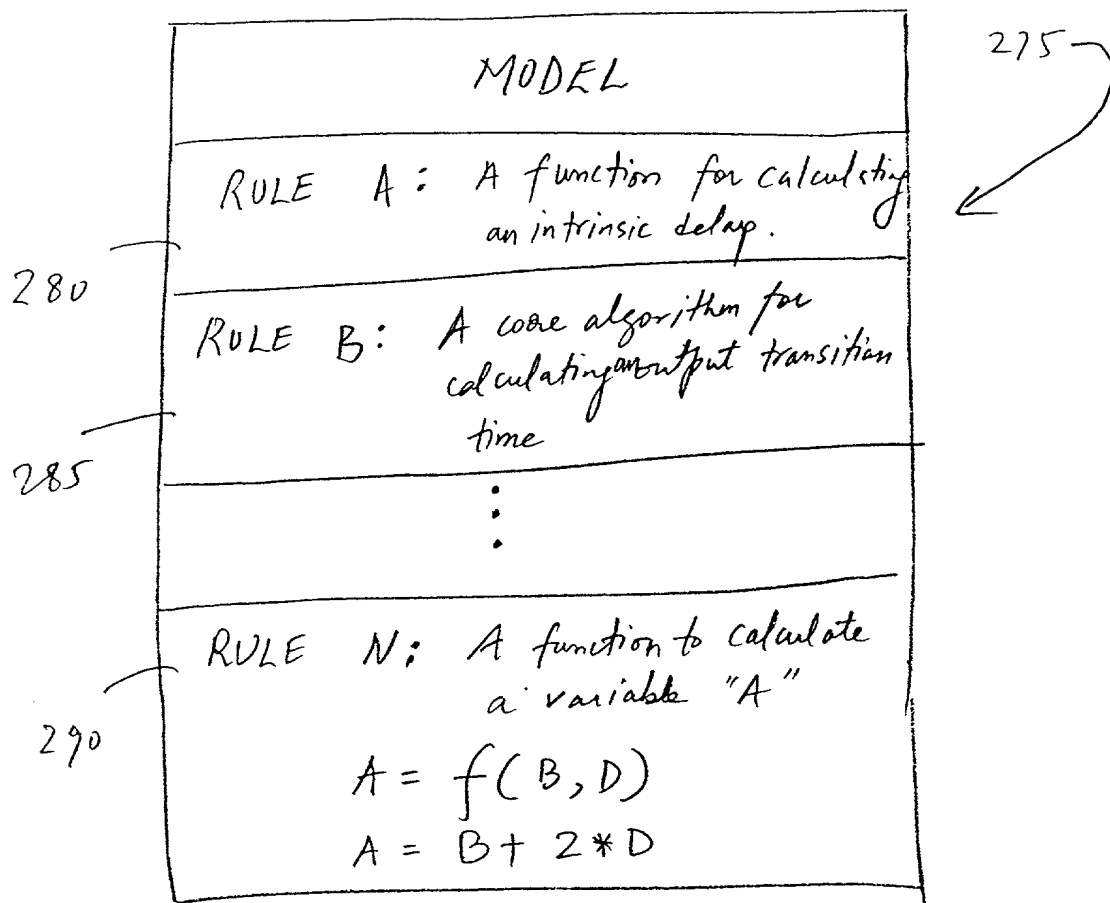


FIG. 4

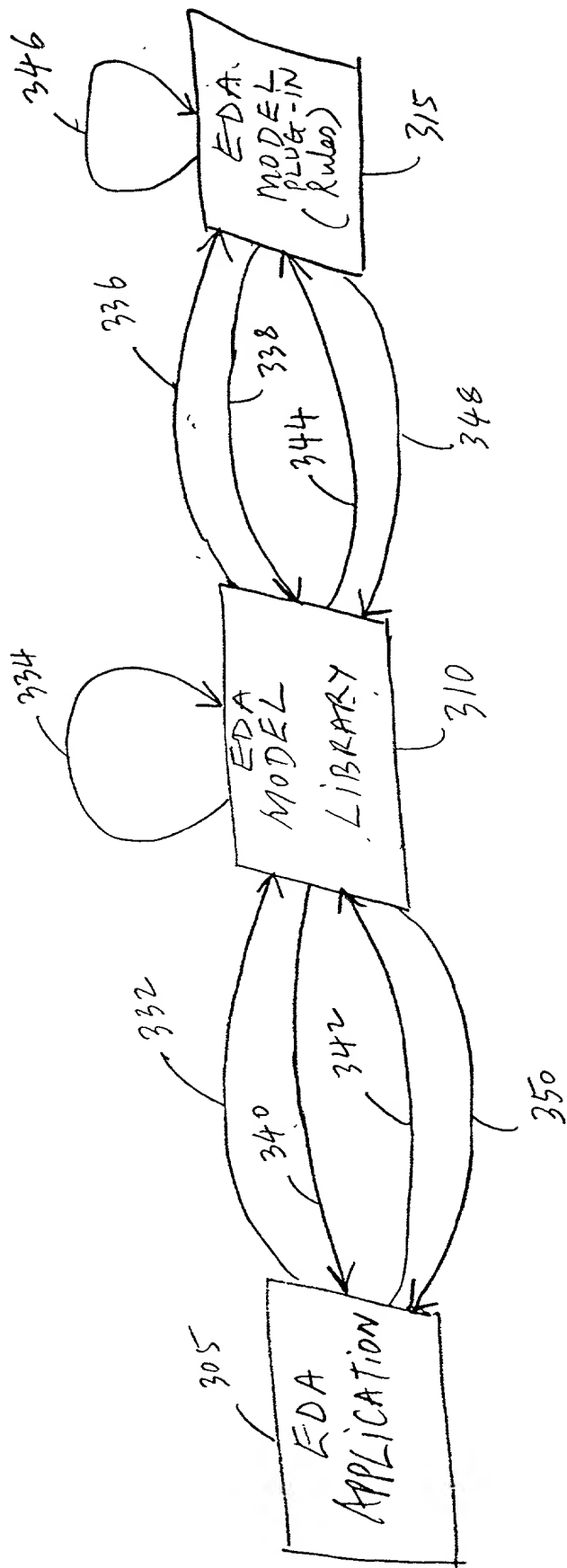


FIG. 5

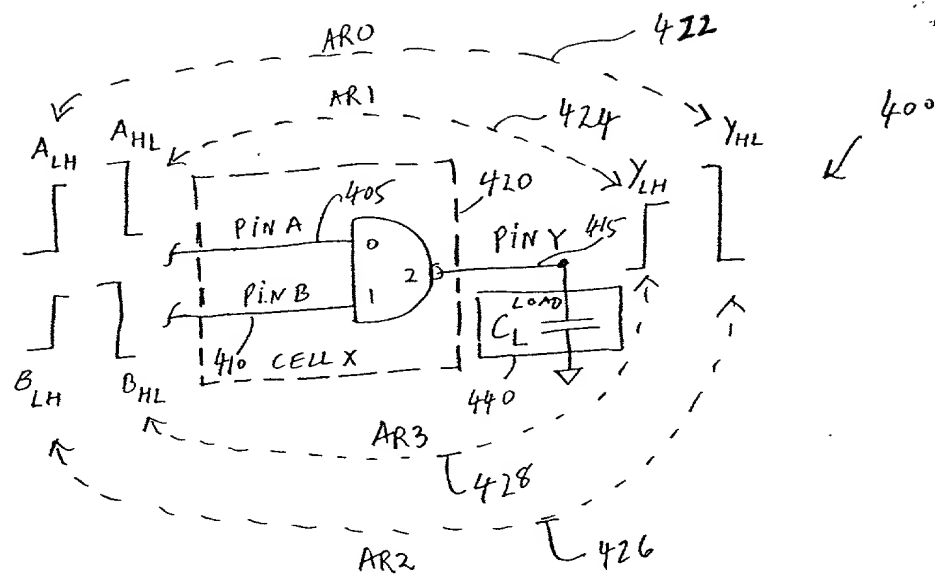
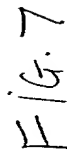


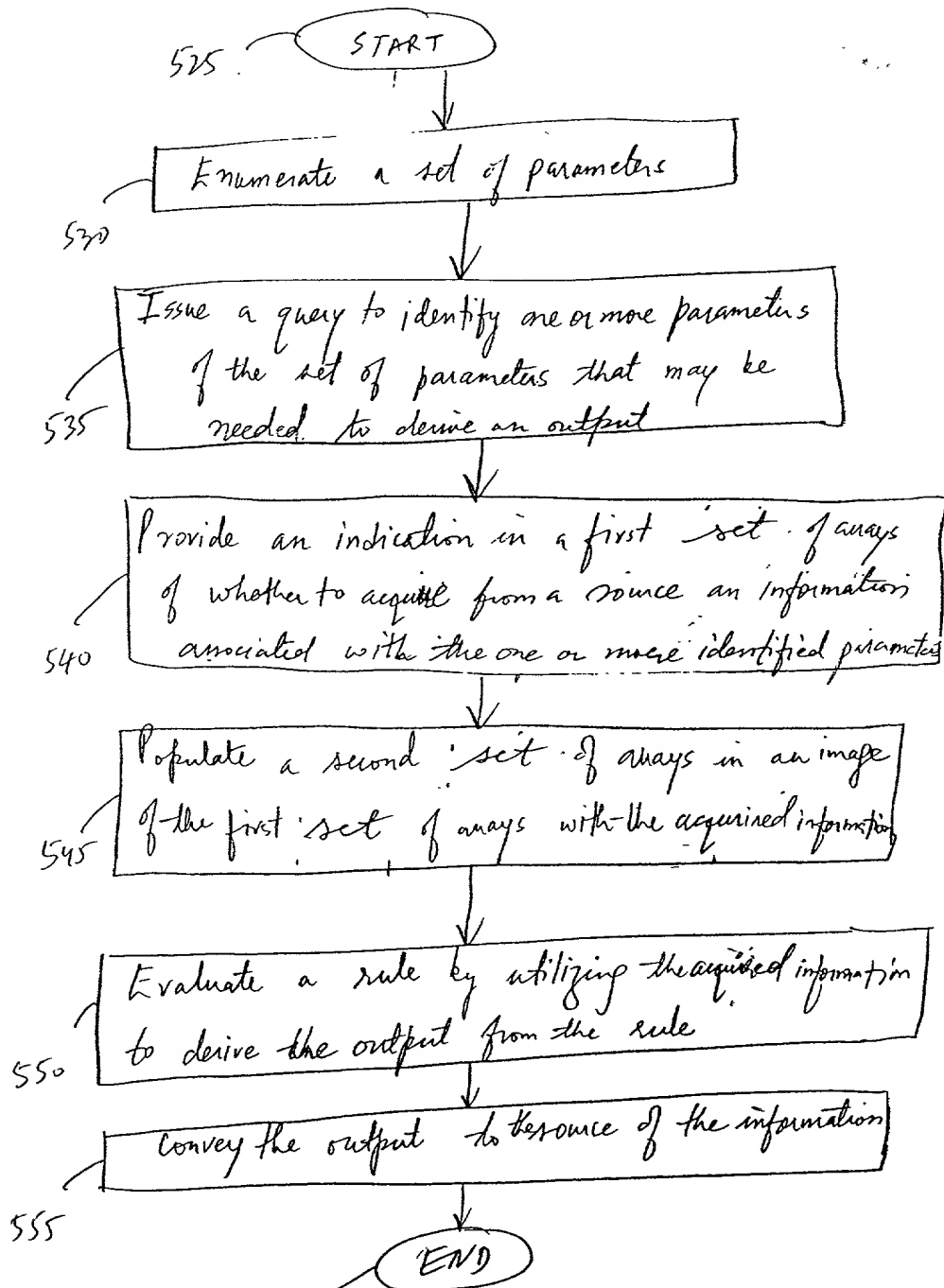
FIG. 6A

ARC RULES	INPUT A.T		OUTPUT A.T
	$PIN A$	$PIN B$	$PIN Y$
422 ARO	A_{LH}	1	Y_{HL}
424 AR1	A_{HL}	1	Y_{LH}
426 AR2	1	B_{LH}	Y_{HL}
428 AR3	1	B_{HL}	Y_{LH}

FIG. 6B



Parameter	Unit	Value	Standard Error	t-Statistic	p-Value
Intercept		1.0000	0.0000	1.0000	0.0000
Age	Years	0.0000	0.0000	0.0000	0.0000
Gender		0.0000	0.0000	0.0000	0.0000
Marital Status		0.0000	0.0000	0.0000	0.0000
Education	Years	0.0000	0.0000	0.0000	0.0000
Income	Thousands of Dollars	0.0000	0.0000	0.0000	0.0000
Health		0.0000	0.0000	0.0000	0.0000
Smoking		0.0000	0.0000	0.0000	0.0000
Alcohol		0.0000	0.0000	0.0000	0.0000
Exercise		0.0000	0.0000	0.0000	0.0000
Stress		0.0000	0.0000	0.0000	0.0000
Family Size		0.0000	0.0000	0.0000	0.0000
Work Hours	Hours per Week	0.0000	0.0000	0.0000	0.0000
Job Satisfaction		0.0000	0.0000	0.0000	0.0000
Health Insurance		0.0000	0.0000	0.0000	0.0000
Retirement Savings		0.0000	0.0000	0.0000	0.0000
Home Ownership		0.0000	0.0000	0.0000	0.0000
Commute Time	Minutes	0.0000	0.0000	0.0000	0.0000
Neighborhood Safety		0.0000	0.0000	0.0000	0.0000
Public Transportation		0.0000	0.0000	0.0000	0.0000
Crime Rate		0.0000	0.0000	0.0000	0.0000
Property Taxes		0.0000	0.0000	0.0000	0.0000
School Quality		0.0000	0.0000	0.0000	0.0000
Local Amenities		0.0000	0.0000	0.0000	0.0000
Climate		0.0000	0.0000	0.0000	0.0000
Cost of Living		0.0000	0.0000	0.0000	0.0000
Job Market		0.0000	0.0000	0.0000	0.0000
Unemployment Rate		0.0000	0.0000	0.0000	0.0000
Local Economy		0.0000	0.0000	0.0000	0.0000
Population Growth		0.0000	0.0000	0.0000	0.0000
Infrastructure		0.0000	0.0000	0.0000	0.0000
Public Services		0.0000	0.0000	0.0000	0.0000
Local Government		0.0000	0.0000	0.0000	0.0000
Community Engagement		0.0000	0.0000	0.0000	0.0000
Local Culture		0.0000	0.0000	0.0000	0.0000
Local History		0.0000	0.0000	0.0000	0.0000
Local Landmarks		0.0000	0.0000	0.0000	0.0000
Local Festivals		0.0000	0.0000	0.0000	0.0000
Local Cuisine		0.0000	0.0000	0.0000	0.0000
Local Art		0.0000	0.0000	0.0000	0.0000
Local Music		0.0000	0.0000	0.0000	0.0000
Local Sports		0.0000	0.0000	0.0000	0.0000
Local Entertainment		0.0000	0.0000	0.0000	0.0000
Local Shopping		0.0000	0.0000	0.0000	0.0000
Local Dining		0.0000	0.0000	0.0000	0.0000
Local Retail		0.0000	0.0000	0.0000	0.0000
Local Services		0.0000	0.0000	0.0000	0.0000
Local Healthcare		0.0000	0.0000	0.0000	0.0000
Local Education		0.0000	0.0000	0.0000	0.0000
Local Transportation		0.0000	0.0000	0.0000	0.0000
Local Utilities		0.0000	0.0000	0.0000	0.0000
Local Environment		0.0000	0.0000	0.0000	0.0000
Local Parks		0.0000	0.0000	0.0000	0.0000
Local Recreation		0.0000	0.0000	0.0000	0.0000
Local Culture		0.0000	0.0000	0.0000	0.0000
Local History		0.0000	0.0000	0.0000	0.0000
Local Landmarks		0.0000	0.0000	0.0000	0.0000
Local Festivals		0.0000	0.0000	0.0000	0.0000
Local Cuisine		0.0000	0.0000	0.0000	0.0000



560. F.G. 8A

